

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|---------------------|
| L1 | 945 | (base near band near generat\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/05/18 15:41 |
| L2 | 970 | (base near band near generat\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/18 15:41 |
| L3 | 184 | (base near band near generat\$3) and (error near (detect\$3 correct \$3 cod\$3 encod\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/18 15:42 |
| L4 | 2 | (base near band near generat\$3) and (error near (detect\$3 correct \$3 cod\$3 encod\$3)) and (symbols near four) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/18 15:42 |
| L5 | 1229 | (base near band) and (error near (detect\$3 correct\$3 cod\$3 encod \$3)) and (convert\$3 near data) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/18 17:28 |
| L6 | 5 | (base near band) and (error near (detect\$3 correct\$3 cod\$3 encod \$3)) and (convert\$3 near data) and (quality near threshold) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/18 17:29 |
| L7 | 241 | (base near band) and (error near (detect\$3 correct\$3 cod\$3 encod \$3)) and (convert\$3 near data) and (quality with threshold) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/18 17:29 |

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|-----|------|---|---|----|----|------------------|
| L8 | 9 | (base near band) and majima.in. and taichi.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/18 19:17 |
| L9 | 2480 | ((encod\$3 cod\$3) with (symbols near ("4" four))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/18 19:30 |
| L10 | 1006 | ((encod\$3 cod\$3) with (symbols near ("4" four))) and ((error near rate) BER SNR (signal near noise)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/18 19:31 |
| L11 | 160 | ((encod\$3 cod\$3) with (symbols near ("4" four))) and ((error near rate) BER SNR (signal near noise)) and threshold and redundant | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/18 19:31 |
| L12 | 18 | ((encod\$3 cod\$3) with (symbols near ("4" four))) and ((error near rate) BER SNR (signal near noise)) and threshold and redundant and converg\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/18 19:32 |
| L13 | 444 | 714/774.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/18 19:38 |
| L14 | 790 | 714/776.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/18 19:38 |
| L15 | 2 | (quality near judg\$3) and (threshold same redundant) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/18 19:39 |
| L16 | 3925 | (threshold same redundant) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/18 19:39 |

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| L17 | 153 | (threshold same redundant same conver\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/18 19:40 |
| L18 | 2956 | (redundant with conver\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/18 19:40 |
| L19 | 690 | (redundant with conver\$3) and (error near (detect\$3 correct \$3 cod\$3 encod\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/18 19:40 |
| L20 | 7 | (redundant with conver\$3) and (error near (detect\$3 correct \$3 cod\$3 encod\$3)) and (predetermined near redundant) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/18 19:41 |
| L23 | 4 | ("5727030" "6512748").pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/18 19:51 |
| L24 | 113 | 375/275.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/05/18 20:12 |
| S1 | 9542 | (viterbi near (decod \$3 detect\$3)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/22 12:18 |
| S2 | 2142 | (viterbi near (decod \$3 detect\$3)) and ("DSP" (digital adj signal adj process\$5)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 10:20 |
| S3 | 36 | (viterbi near (decod \$3 detect\$3)) and ("DSP" (digital adj signal adj process\$5)) and (minimum near data) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 10:22 |

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|-----|------|---|---|----|----|------------------|
| S4 | 1 | (viterbi near (decod \$3 detect\$3)) and (("DSP" (digital adj signal adj process\$5)) and (minimum near data)).ab. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 10:22 |
| S5 | 2 | (viterbi near (decod \$3 detect\$3)) and (("DSP" (digital adj signal adj process\$5)) and (minimum near data)).clm. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 12:15 |
| S6 | 3 | ("6330684" "6477661").pn. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 17:29 |
| S7 | 72 | ("DSP" (digital adj signal adj process\$5)) with "2n" | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 17:31 |
| S8 | 0 | ("DSP" (digital adj signal adj process\$5)) with "2n" with minimum | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 17:32 |
| S9 | 1665 | ("DSP" (digital adj signal adj process\$5)) and ("2n" with n) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 17:33 |
| S10 | 126 | ("DSP" (digital adj signal adj process\$5)) same ("2n" with n) | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/01 17:33 |
| S11 | 16 | ((("DSP" (digital adj signal adj process\$5)) same ("2n" with n)) and viterbi | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 10:45 |

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|-----|-------|---|---|----|-----|---------------------|
| S12 | 23 | ("6195782" "6257756" "64776" "5633897" "5923713" "5327440" "5912908" "5987490" "5220570" "5414738" "5710784" "5027374" "4606027" "5742621" "6263474" "5881106" "6330684" "5809071" "5509021" "5502735" "5375129" "5379306" "4614933" "6125153").pn. | USPAT | OR | ON | 2006/02/02 10:52 |
| S13 | 73 | ("209882" "55130") | USPAT | OR | ON | 2006/02/02 10:53 |
| S14 | 0 | ("209882" "55130") | JPO | OR | ON | 2006/02/02 11:54 |
| S15 | 841 | 714/795.ccls. | JPO | OR | ON | 2006/02/02 11:54 |
| S16 | 0 | 714/796.ccls. | JPO | OR | ON | 2006/02/02 11:54 |
| S17 | 272 | 714/796.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/22 12:44 |
| S18 | 1616 | 714/795.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 11:58 |
| S19 | 191 | 714/795.ccls. and ("DSP" (digital adj signal adj process\$5)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/02/02 11:59 |
| S20 | 20513 | (compar\$4) with ((first and second) and (third and fourth)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/21 19:10 |
| S21 | 20522 | (compar\$4) with ((first and second) and (third and fourth)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/21 19:10 |

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|-----|-------|---|---|----|----|---------------------|
| S22 | 20522 | (compar\$4) with (first and second and third and fourth) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/21 19:11 |
| S23 | 2126 | (compar\$4) with (first and second and third and fourth) with (minimum maximum threshold limit) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/21 19:12 |
| S24 | 892 | ((compar\$4) with (first and second and third and fourth) with (minimum maximum threshold limit)) and (decod\$3 encod\$3 cod \$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/21 19:12 |
| S25 | 104 | ((compar\$4) with (first and second and third and fourth) with (minimum maximum threshold limit)) and (decod\$3 encod\$3 cod \$3) and (DSP "digital signal processor") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/21 19:13 |
| S26 | 63 | ((compar\$4) with (data value) with (first and second and third and fourth) with (minimum maximum threshold limit)) and (decod\$3 encod\$3 cod \$3) and (DSP "digital signal processor") | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/21 19:13 |
| S27 | 36 | ((compar\$4) with (data value) with (first and second and third and fourth) with (minimum maximum threshold limit)) and (decod\$3 encod\$3 cod \$3) and (DSP "digital signal processor") and parallel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/21 19:13 |
| S28 | 20 | ((compar\$4) with (data value) with (first and second and third and fourth) with (minimum maximum threshold limit) with parallel) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/03/21 19:14 |

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|-----|------|---|---|----|-----|---------------------|
| S29 | 2 | "6330684".pn. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/21 19:30 |
| S30 | 0 | 9-148943 | JPO | OR | OFF | 2007/03/21 19:31 |
| S31 | 0 | "9148943" | JPO | OR | OFF | 2007/03/21 19:31 |
| S32 | 0 | "9148943" | JPO | OR | ON | 2007/03/21 19:31 |
| S33 | 0 | 10-209882 | JPO | OR | ON | 2007/03/21 19:32 |
| S34 | 0 | "1209882" | JPO | OR | ON | 2007/03/21 19:37 |
| S35 | 0 | "1155130" | JPO | OR | ON | 2007/03/21 19:37 |
| S36 | 0 | "11 55130" | JPO | OR | ON | 2007/03/21 19:37 |
| S37 | 0 | "11-55130" | JPO | OR | ON | 2007/03/21 19:37 |
| S38 | 0 | "164423" | JPO | OR | ON | 2007/03/21 19:37 |
| S39 | 0 | "6164423" | JPO | OR | ON | 2007/03/21 19:38 |
| S40 | 0 | "6-164423" | JPO | OR | ON | 2007/03/21 19:38 |
| S41 | 331 | 714/796.ccls. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/22 14:37 |
| S42 | 1744 | 714/795.ccls. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/22 14:37 |
| S43 | 14 | ("5715470" "5113411" "6625225" "5550870" "5946361" "5280489" "5928378" "5113411").pn. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/22 12:21 |
| S44 | 7 | ("5715470" "5113411" "6625225" "5550870" "5946361" "5280489" "5928378" "5113411").pn. | USPAT | OR | ON | 2007/08/22 14:15 |

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|-----|------|--|---|----|----|---------------------|
| S45 | 13 | "6330684" | USPAT | OR | ON | 2007/08/22 14:15 |
| S46 | 1 | "6330684".pn. | USPAT | OR | ON | 2007/08/22 14:22 |
| S47 | 5216 | ((first and second) with (minimum maximum) with (compar\$4)) | USPAT | OR | ON | 2007/08/22 14:23 |
| S48 | 9228 | ((first and second) with (minimum maximum) with (compar\$4)) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/22 14:23 |
| S49 | 45 | ((first and second) with (minimum maximum) with (compar\$4)) and ((third and forth) with (minimum maximum) with (compar\$4)) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/22 14:29 |
| S50 | 25 | ((first and second) with minimum with (compar\$4)) and ((third and forth) with minimum with (compar\$4)) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/22 14:29 |
| S51 | 356 | 714/796.ccls. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/22 14:37 |
| S52 | 1795 | 714/795.ccls. | US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/22 14:37 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|----------------|------------------|---------|------------------|
| L21 | 3 | (redundant with conver\$3) and (error near (detect\$3 correct\$3 cod\$3 encod\$3)) and (predetermined near redundant) | USPAT; UPAD | OR | ON | 2010/05/18 19:44 |

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| L22 | 2 | ("5727030" "6512748").pn. | USPAT; UPAD | OR | ON | 2010/05/18 19:51 |
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